Attorney's Docket No.: 12732-013001 · US4610

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Shigeru ONOYA   Art Unit   : Unknown
Serial No. : Not yet assigned   Examiner : Unknown
Filed   : February 8, 2001
Title   : SEMICONDUCTOR DEVICE AND METHOD OF DRIVING
           SEMICONDUCTOR DEVICE

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

5. (Amended) A method of driving a semiconductor display device according to <u>claim 1,</u> [any of claims 1 to 4,] wherein pixel electrodes to which the display signals having positive polarity are inputted, and pixel electrodes to which the display signals having negative polarity are inputted may differ randomly every frame period.

6. (Amended) A method of driving a semiconductor display device according to <u>claim 1,</u> [any of claims 1 to 4,] wherein the polarity of the display signals inputted to all of the pixel electrodes may be inverted in two adjacent frame periods.

11. (Amended) A semiconductor display device according to [any of claims 7 to 10,] <u>claim 7, wherein</u> the polarity data [is] <u>comprises</u> information regarding the polarity of the display signals inputted to all of the pixels.

Please add claims 15-23 as follows:

--15. A method of driving a semiconductor display device according to claim 2, wherein pixel electrodes to which the display signals having positive polarity are inputted, and pixel electrodes to which the display signals having negative polarity are inputted may differ randomly every frame period.--

--16. A method of driving a semiconductor display device according to claim 3, wherein pixel electrodes to which the display signals having positive polarity are inputted, and pixel electrodes to which the display signals having negative polarity are inputted may differ randomly every frame period.--

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--17.   A method of driving a semiconductor display device according to claim 4, wherein pixel electrodes to which the display signals having positive polarity are inputted, and pixel electrodes to which the display signals having negative polarity are inputted may differ randomly every frame period.--

--18.   A method of driving a semiconductor display device according to claim 2, wherein the polarity of the display signals inputted to all of the pixel electrodes may be inverted in two adjacent frame periods.--

--19.   A method of driving a semiconductor display device according to claim 3, wherein the polarity of the display signals inputted to all of the pixel electrodes may be inverted in two adjacent frame periods.--

--20.   A method of driving a semiconductor display device according to claim 4, wherein the polarity of the display signals inputted to all of the pixel electrodes may be inverted in two adjacent frame periods.--

--21.   A semiconductor display device according to claim 8, wherein the polarity data comprises information regarding the polarity of the display signals inputted to all of the pixels.--

--22.   A semiconductor display device according to claim 9, wherein the polarity data comprises information regarding the polarity of the display signals inputted to all of the pixels.--

--23.   A semiconductor display device according to claim 10, wherein the polarity data comprises information regarding the polarity of the display signals inputted to all of the pixels.--